VA2231wm

22" (21.5 VIEWABLE) WIDESCREEN LCD

WITH SPEAKERS AND DIGITAL INPUT

Wide view and picture perfect.

The ViewSonic® VA2231wm LCD is ideal for both home and office with its fast response time and piano black finish VESA® mountable design. A true wide monitor with 1920x1080 resolution, 100,000:1 dynamic contrast ratio, digital and analog inputs, integrated stereo speakers and Eco-mode for power savings! It has an automatic aspect ratio adjustment so when your input is a 4:3 signal, the image will not be stretched but instead it will be positioned in the middle of the screen with side bars. Three-year warranty, industry's best pixel performance policy, Windows 7 certification and Energy Star 5.0 certified, make the VA2231wm LCD the best choice for both corporate and education customers as well.

FULL HD 1080P ENTERTAINMENT

> **Widescreen aspect ratio with 1920x1080 resolution**
The widescreen aspect ratio allows you to view Full HD content in its native format with no stretching or distortion.

> **100,000:1 dynamic contrast ratio**
Provides darkest black levels and bighter whites for better overall front-of-screen performance.

> **ClearMotiv® 5ms video response time**
Fast 5ms video response enables digital HD broadcast-quality video.

> **OptiSync® digital/analog inputs expand your connectivity**
Multi-mode input technology supports both digital (DVI) and analog (VGA) signals for ultimate compatibility and configuration flexibility.

> **Eco-mode**
Environmentally-friendly Eco-mode reduces power consumption and extends backlight life.

> **Aspect ratio adjustment**
Eliminates image distortion by maintaining correct image proportions for both widescreen and native 4:3 content.

> **Multimedia Ready**
Built-in speakers provide the best audio experience

> **VESA® compliant**
100mm x 100mm VESA® mountable design

1080p Full HD

Multimedia

Eco mode

Energy ENERGY STAR

3YR WARRANTY

MORE THAN 2,500 AWARDS

ViewSonic®
See the difference®

VA2231wm

22" WIDESCREEN (21.5" VIEWABLE) LCD WITH SPEAKERS AND DIGITAL INPUT

LCD	Type	22"(21.5" Viewable) Wide Color TFT Active Matrix LCD
	Display Area	18.8" horizontal x 10.6" vertical; 21.5" diagonal
	Pixel Pitch	0.282mm horizontal x 0.282 vertical
	Optimum Resolution	1920x1080 WUXGA
	Contrast Ratio	1000:1 (typ); 100,000:1 (dynamic)
	Viewing Angles	170° horizontal, 160° vertical (CR ≧10)
	Response Time	5ms (typ)
	Color Support	16.7M (6-bits + Hi FRC) panel
	Light Source	Long life, 50,000 hrs. (typ)
	Brightness	300 cd/m² (typ)
	Panel Surface	Anti-glare, hard coating (3H)
VIDEO INPUT	Analog	RGB analog (75 ohms, 0.7/1.0 Vp-p)
	Digital	DVI-D (TMDS, 100 ohms)
	Frequency	F_h: 24~82kHz, F_v: 50~75Hz
	Sync	H/V separated (TTL)
COMPATIBILITY	PC	VGA up to 1920x1080 non-interlaced
	Mac®*	Power Mac™ up to 1920x1080 non-interlaced
CONNECTOR	Analog	15-pin mini D-sub (VGA)
	Digital	DVI-D
	Audio	3.5mm audio in
	Power	Built-in power adapter, 3-pin plug
POWER	Voltage	AC 100–240V (universal), 50/60Hz (auto switch)
	Consumption	45W (typ)
AUDIO	Speakers	2x2W
CONTROLS	Basic	Power, menu [1], up [▲], down [▼], select [2]
	OSD	Auto image adjust, contrast, brightness, input select (D-sub, DVI), audio adjust (volume, mute), ViewMatch® color adjust (sRGB, 9300K, 7500K, 6500K, 5000K, user color RGB), information (resolution, H/V frequency, pixel clock, model number, serial number, website), manual image adjust (H/V position, H size, fine tune, sharpness, dynamic contrast, aspect ratio, eco-mode), setup menu (language, resolution notice, OSD position, OSD timeout, OSD background), memory recall
ERGONOMICS	Tilt	Down 5°, Up 20°
OPERATING CONDITIONS	Temperature	32–104° F (0–40° C)
	Humidity	10–90% (non-condensing)
DIMENSIONS (W x H x D)	Physical with stand	20.2" x 15.3" x 7.7" (513mm x 389mm x 196mm)
	Physical without stand	20.2" x 12.8" x 2.5" (513mm x ?mm x 64mm)
	Packaging	22.2" x 17.3" x 5.4" (565mm x 440mm x 137mm)
WEIGHT	Net with stand	8.4 lb. (3.8 kg)
	Net without stand	8.0 lb. (3.6 kg)
	Gross	12.0 lb. (5.5 kg)
VESA® MOUNT		100mm x 100mm
REGULATIONS		UL, CUL, FCC-B (ICES), CB, CE, CES-003B, ISO13406-2, GS, ERGO, TUV-S, NOM, GOST-R, HYGIENIC (20 copies), CCC, BSMI, PSB, C-TICK, MIC (KCC), SASO, WEEE, RoHS, VCCI, Ukraine, Energy Star, EPEAT Silver
RECYCLE/DISPOSAL		The lamp in this product contains mercury. Please dispose of in accordance with local, state or federal laws.
PACKAGE CONTENTS		LCD display, VGA cable, power cable, audio cable, Quick Start Guide, ViewSonic Wizard CD (User Guide & drivers)
WARRANTY		Three-year limited warranty on parts, labor and backlight.

RoHS COMPLIANT™

ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by TUV NORD.

Sales: (888) 881-8781 • SalesInfo@ViewSonic.com • ViewSonic.com

*Adapter may be required. Analog adapter available from ViewSonic. Specifications subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Corporate names, trademarks stated herein are the property of their respective companies. Copyright © 2010 ViewSonic Corporation. All rights reserved. [14866-00C-02/10] VA2231wm-1

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